Problem 2

	Min	Mean	Variance	Mode	
Your	Function	19	23.556	11.397	21
R	Function	19	23.556	11.397	N/A

Problem 3

	10	1000	10000	True	Value
n					
Probability	0.02	0.058	0.0603	0.059	

Problem 4

	P(A)	P(B)	P(AUB)	P(AcUB)	P(A&B)	P(A|B)	P(A|Bc)
N=100	(1/3)	0.49	0.653	0.826	0.16	0.327	0.333
N=100000	(1/3)	0.535	0.69	0.845	0.178	0.333	0.333